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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Sheet 1 of 2

Application Number	
Filing Date	
First Named Inventor	Theodore R. Zeigler
Art Unit	
Examiner Name	
Attorney Docket Number	000002-003

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,141,934	11/07/00	Zeigler	
		US- 5,651,228	07/29/97	Zeigler	
		US- 5,444,946	08/29/95	Zeigler	
		US- 5,274,980	01/04/94	Zeigler	
		US- 5,230,196	07/27/93	Zeigler	
		US- Re 33,710	10/08/91	Zeigler	
		US- 4,970,841	11/20/90	Zeigler	
		US- 4,838,003	07/13/89	Zeigler	
		US- 4,761,929	08/09/88	Zeigler	
		US- 4,747,239	05/31/88	Zeigler	
		US- 4,689,932	09/01/87	Zeigler	
		US- 4,666,102	05/19/87	Zeigler	
		US- 4,800,663	01/31/89	Zeigler	
		US- 4,637,180	01/20/87	Zeigler	
		US- 4,579,066	04/01/86	Zeigler	
		US- 4,522,008	07/11/85	Zeigler	
		US- 4,561,618	12/31/85	Zeigler	
		US- 4,512,097	04/23/85	Zeigler	
		US- 4,473,986	10/02/84	Zeigler	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	2
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[illegible][illegible]

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